# INDEX OF DERMATOLOGY

National Institute of Arthritis,
Metabolism, and Digestive Diseases

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# INDEX of DERMATOLOGY

*. . . a monthly guide to literature in clinical dermatology, investigative dermatology and dermatopathology.*

National Institute of Arthritis, Metabolism, and Digestive Diseases


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# PREFACE

In recent years there has been substantial activity within the field of dermatology. In 1968, a report, *National Program for Dermatology*, was published under the auspices of the American Academy of Dermatology, and was very favorably received resulting in the establishment of a Council for the National Program for Dermatology and numerous task forces for dermatology. One of these task forces, the Division of Education and Communication of the National Program, was instrumental in promoting dissemination of information pertaining to dermatology.

The *Index of Dermatology* was established and developed in cooperation with the National Library of Medicine (NLM) over a period of three years by Universities' Associated for Research and Education in Pathology (UAREP) under a grant from the National Library of Medicine (NLM). This grant expired in June, 1971, whereupon five dermatology societies jointly sponsored its publication until March, 1972.

The National Institute of Arthritis, Metabolism, and Digestive Diseases (NIAMDD) of the National Institutes of Health is responsible for support of research and training for research in the field of dermatology, predominantly through the use of grants for research and training, and the organization of conferences. To further the NIAMDD Dermatology Program as well as respond to the increased interest and activity in dermatology and cutaneous biology, the National Institute of Arthritis, Metabolism, and Digestive Diseases undertook the publishing of the *Index* in April, 1972.

## LITERATURE COVERAGE

Citations for each month's *Index* are computer-selected from the current month's total input of NLM's computerized Medical Literature Analysis and Retrieval System (MEDLARS). The period covered by the issue of the bibliography corresponds to the same month of *Index Medicus*. All citations for the *Index of Dermatology* are retrieved solely on the basis of their relevance to dermatology. Each citation contains the full title of the article, first author, journal reference, and if the article is written in a foreign language, the language is indicated. Journal coverage is limited to journals included in *Index Medicus*.

## FORMAT

Format and hierarchical organization of subject headings in the *Index* are similar to *Index Medicus*. Medical Subject Headings are usually in a direct, natural sequence (e.g. DERMOID CYST, ECTODERMAL DYSPLASIA), although inversion sometimes occurs (e.g. ECTODERMAL DEFECT, CONGENITAL). In order to group various terms sharing a basic concept, there is a sequential arrangement of the terms under the basic concept (i.e. CARCINOMA, BASAL CELL; CARCINOMA, BASOSQUAMOUS; CARCINOMA, EPIDERMOID). A citation may appear more than once under various Subject Headings if it deals with multiple topics. The user should bear in mind the fact that access to subject information in the MEDLARS computer is possible only by using the headings under which it is stored. This controlled vocabulary, revised annually by NLM, contains roughly 8,600 main headings. Alteration of the Medical Subject Heading (MeSH) system in order to adjust to changes in the current usage of a speciality is therefore complex. Understanding of this will help to explain occasional anachronisms. Where these occur, the editors have attempted to provide suitable cross-references. This is, of course a continuing process.

## ORGANIZATION OF THE INDEX

The *Index of Dermatology* is arranged in five main sections.

I. Subject Headings Section contains all Subject Headings searched for this month, therefore, if a Subject Heading does not appear with citations listed under it, no citations were indexed with this Subject Heading for this month.

II. A Review Section, in which only review articles are cited. These citations contain the number of references and are selected in accordance with the definition of medical reviews employed by the NLM: "articles which are well documented surveys of the recent . . . literature."

III. A General Section in which citations on skin diseases, both general and specific, causative and therapeutic agents, and aspects such as immunology, mycology, virology, and oral disease are included.

IV. A Bio-Science Section, which is divided into two parts: Part I: Biology; and Part II: Cell Components.

V. An Author Section, in which author names are limited to three for any citation with the full citation appearing under the first author and cross references for the second and third authors.

## LITERATURE ON VENEREAL DISEASE

No citations are given for "Venereal Disease" or for any of the specific diseases in that group. A detailed bibliography entitled "Abstracts of Current Literature on Venereal Disease," which includes references appearing in *Index Medicus*, is published four times yearly by the National Center for Disease Control. This publication may be obtained by writing to VD Branch, National Center for Disease Control, Atlanta, Georgia 30333.

## OBTAINING REPRINTS

Reprints of articles cited should be acquired directly from the authors of the articles. Further assistance, should it be needed, is usually available from local medical or hospital libraries and Regional Medical Libraries.

## OBTAINING TRANSLATIONS

Guidance in obtaining translations of articles in foreign languages may be supplied by the National Translation Center, John Crerar Library, 35 West 33rd Street, Chicago, Illinois 60616, which is a national depository library for translations.

## DISTRIBUTION

A limited number of free copies of *Index of Dermatology* is available to National Institutes of Health grantees or contractors and to medical libraries. To receive free copies of this publication requestors must include their grant or contract number and the title of their project. Medical libraries should indicate the interest of their users in the field of dermatology. These requests as well as address changes and other communications pertaining to *free* copies should be addressed to:

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# I. SUBJECT HEADINGS SECTION

All main subject headings employed for the Index of Dermatology are listed alphabetically in the following pages in large CAPITAL LETTERS. Terms which will not appear as headings are cross-referenced to main headings. These also appear in alphabetical order, but in small letters.

The section or sections of the Index in which each main heading will appear when there is a relevant citation is indicated by a letter following the heading in parentheses, as follows:

(R) Review Section

(G) General (Clinical) Section

(B) Bio-Science Section, Part I (Biology)

(C) Bio-Science Section, Part II (Cell Components)

The selection of main headings listed below results from continuing refinement of a thesaurus developed by an Advisory Committee, professional consultants and the staff of the National Library of Medicine.

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# III. GENERAL SECTION

## ACANTHOLYSIS

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## ACANTHOSIS NIGRICANS

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Remission of acanthosis nigricans associated with polycystic ovarian disease and a stromal luteoma. Givens JR, et al. J Clin Endocrinol Metab 38:347-55, Mar 74

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[Acanthosis nigricans with bronchial cancer associated with giant stomach folds] Schulmeyer M, et al. Z Hautkr 49:17-23, 1 Jan 74 (Ger)

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Isoniazid-induced acne and pellagra. Occurrence in slow inactivators of isoniazid. Cohen LK, et al. Arch Dermatol 109:377-81, Mar 74

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## ADIPOSIS DOLOROSA

### COMPLICATIONS

[The Dercum syndrome--a diencephalic syndrome (a clinico-electoencephalographic study)] Emanuel' VIa, et al.
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### COMPLICATIONS

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## ALDRICH SYNDROME

### COMPLICATIONS

Wiskott Aldrich syndrome: a treatable immune disorder. A review. Millikan LE.
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Wiskott Aldrich syndrome: a treatable immune disorder. A review. Millikan LE.
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Wiskott Aldrich syndrome: a treatable immune disorder. A review. Millikan LE.
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Wiskott Aldrich syndrome: a treatable immune disorder. A review. Millikan LE.
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Lactic dehydrogenase activity in the hair follicles of the stump-tailed macaque (Macaca speciosa). Sasai Y.
Anat Rec 178:759-67, Apr 74

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Hair transplantation with free scalp flaps. Harii K, et al.
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Isolation of a corynebacterium from Beagle dogs affected with alopecia. Buck GE, et al.
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#### ETIOLOGY

[Results of thyroid function tests in alopecia areata] Zaun H, et al. Med Welt 25:56-8, 11 Jan 74 (Ger)

## AMYLOIDOSIS

#### CHEMICALLY INDUCED

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#### COMPLICATIONS

Neoplasms and amyloidosis in strains of mice treated with 3-methylcholanthrene. Akamatsu Y, et al. J Natl Cancer Inst 52:377-85, Feb 74

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#### PATHOLOGY

Neoplasms and amyloidosis in strains of mice treated with 3-methylcholanthrene. Akamatsu Y, et al. J Natl Cancer Inst 52:377-85, Feb 74

## ANGIONEUROTIC EDEMA

#### COMPLICATIONS

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## LUPUS ERYTHEMATOSUS, DISCOID

Preliminary criteria for the classification of systemic lupus erythematosus (SLE). Evaluation in early diagnosed SLE and rheumatoid arthritis. Trimble RB, et al. **Arthritis Rheum 17:184-8, Mar-Apr 74**

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PATHOLOGY

[Structure of the lymphatic bed of the human heart in certain diseases] Dobrovol'skaia-Zaftsev.
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BLOOD

[Evaluation of the blood serum complement as an indicator of the allergic responsiveness in patients with mycoses of the feet and eczema] Khodiukov Eia.
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[Cross skin reactions in patients with raised sensitivity to the fungi and antibiotics] Iutskovskiĭ AD.
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Fetal consequences of maternal viral infections in pregnancy. Hardy JB.
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[On some morpho-clinical criteria for evaluation of malignant transformation of cutaneous nevi] Dobrescu G, et al.
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Evaluation of 1-(2-chloroethyl-3-4-methylcyclohexyl)-1-nitrosourea (methyl-CCNU, NSC 95441) versus combined imidazole carboxamide (NSC 45338) and vincristine (NSC 67574) in palliation of disseminated malignant melanoma. Ahmann DL, et al. Cancer 33:615-8, Mar 74

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Immunobiology of melanoma. Gross and ultrastructural studies in a new melanoma model: the Sinclair swine. Millikan LE, et al. Yale J Biol Med 46:631-45, Dec 73
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[Treatment of experimental tumors with laser beams in combination with fast electrons] Kozlov AL, et al.
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Melanosomes of horse benign melanoma. Hach P, et al.
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## MONILIASIS

### COMPLICATIONS

[Letter: Extragenital candida mycoses] Lachenicht P.
Med Klin 68:1668, 14 Dec 73

### IMMUNOLOGY

[The candidacidal activity of human polymorphonuclear neutrophils] Kernbaum S, et al.
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[Letter: Extragenital candida mycoses] Lachenicht P.
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### CHEMICALLY INDUCED

Treatment of pemphigus and pemphigoid with azathioprine. Dijk TJ van, et al.
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[Clinical picture of candidid balanitis] Farkaš J.
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Chronic mucocutaneous candidiasis: immunologic and antibiotic therapy. Kirkpatrick CH, et al.
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Chronic mucocutaneous candidiasis: immunologic and antibiotic therapy. Kirkpatrick CH, et al.
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## MONILIASIS, ORAL

### ETIOLOGY

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## MYCOSES

### COMPLICATIONS

External otitis: otological problems. McDowall GD.
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### DRUG THERAPY

Treatment of otitis externa. Tonkin J.
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[Morbidity from foot mycoses in lumberers in the North] Degtiar IuS.
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## MYCOSIS FUNGOIDES

### CEREBROSPINAL FLUID

[Meningocerebral manifestation of mycosis fungoides (author's transl)] Engelhardt P, et al.
Z Neurol 205:297-306, 11 Dec 73 (Eng. Abstr.) (Ger)

### CLASSIFICATION

[Meningocerebral manifestation of mycosis fungoides (author's transl)] Engelhardt P, et al.
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Spongiotic simulants of mycosis fungoides. Ackerman AB, et al. Arch Dermatol 109:218-20, Feb 74
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### ETIOLOGY

Erythrodermia, mycosis fungoides, skin reticulosis-autonomous disorders of the monocytopoietic macrophage system? Meuret G, et al.
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Spongiotic simulants of mycosis fungoides. Ackerman AB, et al. Arch Dermatol 109:218-20, Feb 74
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Dystrophic nails as indications of systemic disease. Young CR. J Am Podiatry Assoc 64:149-53, Mar 74
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[Lichen planus with onychatrophy and cicatricial alopecia (author's transl)] Ebner H.
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Epidermolysis bullosa hereditaria letalis. Clinical and histological manifestations and course of the disease. Pearson RW, et al. Arch Dermatol 109:349-55, Mar 74
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Onychectomy in the cat using the White nail trimmer (a photographic essay). Weege J.
Vet Med Small Anim Clin 69:194-5, Feb 74

## NAILS, INGROWN

Dystrophic nails as indications of systemic disease. Young CR. J Am Podiatry Assoc 64:149-53, Mar 74

## NAILS, MALFORMED

Dystrophic nails as indications of systemic disease. Young CR. J Am Podiatry Assoc 64:149-53, Mar 74

The "tooth and nail" type of autosomal dominant ectodermal dysplasia. Giansanti JS, et al.
Oral Surg 37:576-82, Apr 74

DIAGNOSIS

[Bloch-Sulzberger's ectodermal dysplasia sc. incontinentia pigmenti] Vahar-Matiar H, et al.
Nervenarzt 45:88-93, Feb 74 (Ger)

## NECROBIOSIS LIPOIDICA

PATHOLOGY

[Disorders of the heart rhythm and viral hepatitis with cytosteatonecrosis, report of a case with histopathological study of conduction system] Demoulin JC.
Acta Cardiol (Brux) 29:79-85, 1974 (Eng. Abstr.) (Fre)

## NEURODERMATITIS

BLOOD

[Study of the blood bradykininogen in patients with disseminated neurodermatitis] Grebennikov VA.
Vestn Dermatol Venerol 47:29-34, Sep 73 (Eng. Abstr.) (Rus)
[State of nicotinic acid metabolism in children with eczema and neurodermatitis] Zver'kova FA.
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COMPLICATIONS

Otitis externa. Peterkin GA.
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DRUG THERAPY

[Treatment of various skin diseases with a fluprednylidene-acetate ointment] Schreiner HE.
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[Use of tizercine in the treatment of chronic and itching dermatoses] Gorokhova VN.
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METABOLISM

[State of nicotinic acid metabolism in children with eczema and neurodermatitis] Zver'kova FA.
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PHYSIOPATHOLOGY

[The North Sea climate and skin diseases. 20 years of dermatologic climatotherapy at the North Sea] Pahl O, et al. Z Hautkr 48:871-9, 1 Nov 73 (Ger)
[Condition of the sympathico-adrenal system in children during their 1st years of life in skin allergy] Kolesova LA. Pediatriia 52:39-40, Sep 73 (Rus)
[Importance of serotonin in skin diseases (a review of the literature)] Kulaga VV, et al.
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## NEUROFIBROMATOSIS

COMPLICATIONS

Cysts of the spinal ganglia. Baló J.
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DIAGNOSIS

[A case of Schimmelpenning-Feuerstein-Mims' syndrome sith gradual development of cataract] Leyh F, et al. Z Hautkr 48:695-8, 1 Sep 73 (Ger)

## NEVUS

CONGENITAL

The risk of malignancy in large congenital nevi. Kaplan EN. Plast Reconstr Surg 53:421-8, Apr 74

DIAGNOSIS

[Report on a congenital cutis verticis gyrata (fibroepithelioma) in 2 infants (author's transl)] Pattberg B.
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[On some morpho-clinical criteria for evaluation of malignant transformation of cutaneous nevi] Dobrescu G, et al.
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## NEVUS, PIGMENTED

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[The morphogenesis and histological classification of nevocellular nevuses] Gordeladze AS.
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CONGENITAL

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DIAGNOSIS

[Pale blue Yamamoto nevus] Horděek J.
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[Bloch-Sulzberger's ectodermal dysplasia sc. incontinentia pigmenti] Vahar-Matiar H, et al.
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ENZYMOLOGY

[The morphogenesis and histological classification of nevocellular nevuses] Gordeladze AS.
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[The morphogenesis and histological classification of nevocellular nevuses] Gordeladze AS. **Arkh Patol 35:23-30, 1973 (Eng. Abstr.) (Rus)**

#### SURGERY

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#### VETERINARY

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#### DIAGNOSIS

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[Changes in working procedures and their repercussions on occupational dermatitis. 2. Results and discussion] Leyh F. **Berufsdermatosen 21:262-81, 1973 (Ger)**
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Case report. Toluene diisocyanate. Cohen SR, et al. **J Occup Med 16:114-8, Feb 74**
[Professionality criteria of infectious occupational diseases] Chmel L, et al. **Cesk Dermatol 49:9-13, Jan 74 (Eng. Abstr.) (Slo)**

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Dermatologic hazards in the poultry industry. Cohen SR. **J Occup Med 16:94-7, Feb 74**
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[Incidence of occupationally-induced contact eczemas in the medical staff] Nechwatal E, et al. **Z Gesamte Hyg 19:785-7, Nov 73 (Ger)**

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Sensitization to benzene compounds. Björnberg A, et al. **Berufsdermatosen 21:245-8, 1973**

#### PREVENTION & CONTROL

Dermatologic hazards in the poultry industry. Cohen SR. **J Occup Med 16:94-7, Feb 74**
[Chelates of DTPA acid in dermatovenereology and in the prevention of dermatoses due to metals] Resl V Sr, et al. **Cesk Dermatol 49:25-9, Jan 74 (Eng. Abstr.) (Cze)**
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[The North Sea climate and skin diseases. 20 years of dermatologic climatotherapy at the North Sea] Pahl O, et al. **Z Hautkr 48:871-9, 1 Nov 73 (Ger)**

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External otitis: otological problems. McDowall GD. **J Laryngol Otol 88:1-13, Jan 74**

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## PANNICULITIS, NODULAR NONSUPPURATIVE

#### COMPLICATIONS

Weber-Christian disease with nephrotic syndrome. Srivastava RN, et al. **Am J Dis Child 127:420-1, Mar 74**
[Weber-Christian disease and disseminated lupus erythematosus] Zamacona Ravelo G, et al. **Alergia 21:59-64, Nov 73 (Eng. Abstr.) (Spa)**

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#### COMPLICATIONS

[Nail diseases in lichen ruber planus] Arievich AM, et al. **Vestn Dermatol Venerol 47:9-15, Oct 73 (Eng. Abstr.) (Rus)**
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[Nail diseases in lichen ruber planus] Arievich AM, et al.
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[Treatment of various skin diseases with a fluprednylidene-acetate ointment] Schreiner HE.
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CHEMICALLY INDUCED

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COMPLICATIONS

Cysts of the spinal ganglia. Baló J.
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DIAGNOSIS

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DRUG THERAPY

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Arch Dermatol 109:262, Feb 74
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Treatment of pemphigus and pemphigoid with azathioprine. Dijk TJ van, et al.
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[Late results of treating true pemphigus with corticosteroids] Pashkov BM, et al.
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ETIOLOGY

Pemphigus erythematosus confined to the post-burn scar. Kudejko J, et al. Dermatologica 147:174-8, 1973

IMMUNOLOGY

Pemphigus-like antibodies in cicatricial pemphigoid. Cram DL, et al. Arch Dermatol 109:235-8, Feb 74
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[Changes in the structure and cellular composition of the popliteal lymph nodes in rats under conditions of aseptic inflammation] Rusina AK.
Arkh Anat Gistol Embriol 65:96-102, Nov 73 (Eng. Abstr.) (Rus)

## PEUTZ-JEGHERS SYNDROME

COMPLICATIONS

[Rare ovarian neoplasm (sex-cord tumor with annular tubules) coexisting with the Peutz-Jeghers syndrome] Bieńkowski J, et al.
Ginekol Pol 45:227-32, Feb 74 (Eng. Abstr.) (Pol)

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Polyps of the colon. Zollinger RM, et al.
Postgrad Med 55:100-7, Mar 74
[Polyposis of the colon and rectum (author's transl)] Fuchs K, et al.
Leber Magen Darm 3:213-8, Oct 73 (Eng. Abstr.) (Ger)
[Peutz-Jeghers syndrome] Torsuev NA.
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[The intestinal paneth cell. Cytomorphology, ultrastructural pathology and function. An contribution on the lysozyme theory (author's transl)] Otto HF.
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[Rare ovarian neoplasm (sex-cord tumor with annular tubules) coexisting with the Peutz-Jeghers syndrome] Bieńkowski J, et al.
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## PHLEGMON

COMPLICATIONS

Necrotic cutaneous phlegmons of infants in Vietman. Nguyen-Van-Ut. Int J Dermatol 13:9-14, Jan-Feb 74

DIAGNOSIS

Case of a sinus of Valsalva aneurysm. Del Pizzo A.
Conn Med 38:106-9, Mar 74
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[Use of ectericide in suppurative diseases of soft tissues] Geller AN. Klin Khir 8:73-4, Aug 73 (Rus)

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Necrotic cutaneous phlegmons of infants in Vietman. Nguyen-Van-Ut. Int J Dermatol 13:9-14, Jan-Feb 74

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Erythropoietic protoporphyria. A case report. Bhutani LK, et al. Dermatologica 147:267-70, 1973
[Treatment of corneal herpes with a photosensitizing dye (author's transl)] Pintér L, et al.
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Letter: Persistent phototoxicity due to nalidixic acid.
Burry JN. Arch Dermatol 109:263, Feb 74
Topical diethylcarbamazine in ocular onchocerciasis.
Anderson J, et al.
Trans R Soc Trop Med Hyg 67:710-7, 1973

DIAGNOSIS

Photodermatoses: causes and management.
Hursthouse MW. Drugs 6:255-60, 1973

DRUG THERAPY

[Use of methylthiouracil as a photoprotective agent]
Smirnov VS.
Vestn Dermatol Venerol 47:68-71, Sep 73 (Eng. Abstr.) (Rus)

ETIOLOGY

Preliminary criteria for the classification of systemic lupus erythematosus (SLE). Evaluation in early diagnosed SLE and rheumatoid arthritis. Trimble RB, et al. Arthritis Rheum 17:184-8, Mar-Apr 74
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Hursthouse MW. Drugs 6:255-60, 1973

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[Erythropietic protoporphyria] Lintrup J, et al.
Ugeskr Laeger 136:98, 7 Jan 74 (Dan)
[Congenital erythropoietic porphyria] With TK.
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[Congenital telangiectatic erythema with nanism (Bloom's syndrome), an atypical form] Smelov NS, et al.
Vestn Dermatol Venerol 47:56-9, Sep 73 (Eng. Abstr.) (Rus)

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Photodermatoses: causes and management.
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[Use of methylthiouracil as a photoprotective agent]
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Hursthouse MW. Drugs 6:255-60, 1973

## PIGMENTATION DISORDERS

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[Vogt-Koyangi-Harada uveomeningeal syndrome]
Bielik M, et al.
Harefuah 85:574-5, 16 Dec 73 (Eng. Abstr.) (Heb)

CHEMICALLY INDUCED

Effect of phenol on development of prolarvae of acipenserid fish. 3. Pigmentation of the skin. Structure of the eyes. Shmal'gauzen OI.
Sov J Dev Biol 4:28-35, Jan-Feb 73

COMPLICATIONS

[A case of association between scleroderma, Sjögren syndrome and primary biliary cirrhosis (author's transl)] Levrat M, et al.
Arch Fr Mal App Dig 62:495-500, Sep 73 (Fre)

DIAGNOSIS

[Bloch-Sulzberger's ectodermal dysplasia sc. incontinentia pigmenti] Vahar-Matiar H, et al.
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METABOLISM

The effect of a phenylalanine-tyrosine low diet on the growth and morphology of transplantable malignant melanomas of the Syrian golden hamster (Mesocricetus auratus). Jensen OA, et al.
Acta Pathol Microbiol Scand [A] 81:559-68, Jul 73

PATHOLOGY

[Generalized lipofuscinosis in a cat] Schmidt U.
Berl Munch Tieraerztl Wochenschr 87:70-3, 15 Feb 74 (Eng. Abstr.) (Ger)

VETERINARY

[Generalized lipofuscinosis in a cat] Schmidt U.
Berl Munch Tieraerztl Wochenschr 87:70-3, 15 Feb 74 (Eng. Abstr.) (Ger)

## PITYRIASIS

DIAGNOSIS

Gold dermatitis. A clinical and histopathological study.
Penneys NS, et al. Arch Dermatol 109:372-6, Mar 74

## PITYRIASIS RUBRA PILARIS

DRUG THERAPY

Follicular keratoses. Pilot studies of serum level of vitamin A and liver function tests during administration of retinoic acid in hyperkeratosis follicularis et parafollicularis (Kyrle's disease), pityriasis rubra pilaris, and keratosis follicularis (Darier's disease). Günther S, et al.
Dermatologica 147:274-83, 1973

METABOLISM

Follicular keratoses. Pilot studies of serum level of vitamin A and liver function tests during administration of retinoic acid in hyperkeratosis follicularis et parafollicularis (Kyrle's disease), pityriasis rubra pilaris, and keratosis follicularis (Darier's disease). Günther S, et al.
Dermatologica 147:274-83, 1973

## POISON IVY DERMATITIS

PREVENTION & CONTROL

Poison oak hyposensitization. Evaluation of purified urushiol. Epstein WL, et al.
Arch Dermatol 109:356-60, Mar 74

## POMPHOLYX

IMMUNOLOGY

Antistreptolysin and antistaphylolysin titres in allergic skin conditions. Observations on 6104 patients suffering from various eczemas and urticaria.
Kuokkanen K, et al.
Acta Allergol (Kbh) 28:260-82, Oct 73

## PORPHYRIA

Erythropoietic protoporphyria. A case report. Bhutani LK, et al. Dermatologica 147:267-70, 1973

BIOSYNTHESIS

Stimulators and inhibitors of hepatic porphyrin formation in human sera. Rifkind AB, et al.
J Clin Invest 53:1167-77, Apr 74

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Stimulators and inhibitors of hepatic porphyrin formation in human sera. Rifkind AB, et al.
J Clin Invest 53:1167-77, Apr 74
Repression by hematin of porphyrin biosynthesis in erythrocyte precursors in congenital erythropoietic porphyria. Watson CJ, et al.
Proc Natl Acad Sci USA 71:278-82, Feb 74
[Changes of the activity of enzymes in the blood serum in patients with porphyria cutanea tarda] Smirnov VS.
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CHEMICALLY INDUCED

The effects of certain hypocholesterolemic agents on

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Proc Soc Exp Biol Med 145:438-41, Feb 74

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Photodermatoses: causes and management. Hursthouse MW. Drugs 6:255-60, 1973
[Hemochromatosis in the terminal stage of porphyria] Karpel' GG.
Arkh Patol 35:66-9, 1973 (Eng. Abstr.) (Rus)

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Repression by hematin of porphyrin biosynthesis in erythrocyte precursors in congenital erythropoietic porphyria. Watson CJ, et al.
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Acute intermittent porphyria. (A case report). Oomen L. East Afr Med J 50:660-3, Nov 73

DRUG THERAPY

Repression by hematin of porphyrin biosynthesis in erythrocyte precursors in congenital erythropoietic porphyria. Watson CJ, et al.
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ENZYMOLOGY

[Changes of the activity of enzymes in the blood serum in patients with porphyria cutanea tarda] Smirnov VS.
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FAMILIAL & GENETIC

Acute intermittent porphyria. (A case report). Oomen L. East Afr Med J 50:660-3, Nov 73
[Hereditary coproporphyria] With TK.
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Repression by hematin of porphyrin biosynthesis in erythrocyte precursors in congenital erythropoietic porphyria. Watson CJ, et al.
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[Porphyria cutanea tarda] With TK.
Ugeskr Laeger 135:2691, 3 Dec 73 (Dan)

OCCURRENCE

[Porphyria cutanea tarda] With TK.
Ugeskr Laeger 135:2691, 3 Dec 73 (Dan)

PATHOLOGY

[Hemochromatosis in the terminal stage of porphyria] Karpel' GG.
Arkh Patol 35:66-9, 1973 (Eng. Abstr.) (Rus)

THERAPY

Repression by hematin of porphyrin biosynthesis in erythrocyte precursors in congenital erythropoietic porphyria. Watson CJ, et al.
Proc Natl Acad Sci USA 71:278-82, Feb 74
[Treatment of porphyria hepatica cutanea tarda by bloodletting (experience in 10 cases)] García Plaza A, et al. Rev Clin Esp 131:477-84, 6 Dec 73 (Spa)

URINE

Repression by hematin of porphyrin biosynthesis in erythrocyte precursors in congenital erythropoietic porphyria. Watson CJ, et al.
Proc Natl Acad Sci USA 71:278-82, Feb 74

## POXVIRUS

GROWTH & DEVELOPMENT

Organ culture of bovine teat skin and its application to the study of herpes mammillitis and pseudocowpox infections. James ZH, et al. Res Vet Sci 15:40-9, Jul 73

ISOLATION & PURIFICATION

Ultrastructural studies in human orf. Yeh HP, et al.
Arch Dermatol 109:390-2, Mar 74

## POXVIRUS INFECTIONS

IMMUNOLOGY

Three specific antigens produced in vaccinia, variola, and monkeypox infections. Gispen R, et al.
J Infect Dis 129:289-95, Mar 74

VETERINARY

Three specific antigens produced in vaccinia, variola, and monkeypox infections. Gispen R, et al.
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Organ culture of bovine teat skin and its application to the study of herpes mammillitis and pseudocowpox infections. James ZH, et al. Res Vet Sci 15:40-9, Jul 73

## PRECANCEROUS CONDITIONS

DIAGNOSIS

Polyps of the colon. Zollinger RM, et al.
Postgrad Med 55:100-7, Mar 74

DRUG THERAPY

[Chlorcolchicine in the localized treatment of skin tumors] Jung EG, et al.
Schweiz Med Wochenschr 104:265-8, 23 Feb 74 (Eng. Abstr.) (Ger)

IMMUNOLOGY

Premalignant and malignant skin tumours in immunosuppressed patients. Marshall V.
Transplantation 17:272-5, Mar 74

METABOLISM

Macromolecular synthesis following a single application of polycyclic hydrocarbons used as initiators of mouse skin tumorigenesis. Slaga TJ, et al.
Cancer Res 34:771-7, Apr 74

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Premalignant and malignant skin tumours in immunosuppressed patients. Marshall V.
Transplantation 17:272-5, Mar 74

## PREDNISOLONE, TOPICAL

THERAPEUTIC USE

[Cogan-I syndrome: interstitial keratitis with sudden deafness] Seel J, et al.
Harefuah 85:452-4, 15 Nov 73 (Eng. Abstr.) (Heb)

## PROGERIA

FAMILIAL & GENETIC

[Combination in the one patient of acrogeria and Pasini--Pierini's idiopathic atrophoderma] Krasnov BI, et al.
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## PRURIGO

DRUG THERAPY

Persistent papules after tick-bites. Yesudian P, et al.
Dermatologica 147:214-8, 1973
[Treatment of various skin diseases with a fluprednylidene-acetate ointment] Schreiner HE.
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ETIOLOGY

Persistent papules after tick-bites. Yesudian P, et al.
Dermatologica 147:214-8, 1973

[Sweating in children with eczema, strophulus and prurigo] Gorokhova VN.
Vestn Dermatol Venerol 47:73-7, Sep 73 (Eng. Abstr.) (Rus)

PATHOLOGY

Persistent papules after tick-bites. Yesudian P, et al.
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[Sweating in children with eczema, strophulus and prurigo] Gorokhova VN.
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## PRURITUS

[Microflora of the vagina in certain itching dermatoses of the genital organs] Stovbun FI, et al.
Vestn Dermatol Venerol 47:81-4, Oct 73 (Eng. Abstr.) (Rus)

CHEMICALLY INDUCED

[Local and general non-immunologic complications of insulin therapy] Scapellato L.
Recent Prog Med (Roma) 55:503-28, Dec 73 (61 ref.) (Ita)

DRUG THERAPY

Letter: Idiosyncratic reaction to 25-hydroxylated Vitamin D3. Gogick CG, et al.
Ann Intern Med 80:416-7, Mar 74

ETIOLOGY

Letter: Itching in renal failure. Boulton-Jones JM, et al.
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## SWEAT GLAND NEOPLASMS

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Frey's syndrome: diagnosis and treatment. Edison BD. Eye Ear Nose Throat Mon 53:50-8, Feb 74

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DRUG THERAPY

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## TINEA

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# IV. BIO-SCIENCE SECTION

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